

# Solving Quadratic Equations (G)

Solve each equation for x

1.  $x^2 - x - 37 = 5$

7.  $2x^2 - 3x - 21 = 14$

2.  $4x^2 - 6x - 8 = 2$

8.  $4x^2 - 16x + 1 = -6$

3.  $4x^2 - 6x - 11 = 43$

9.  $x^2 - 6x - 26 = 1$

4.  $4x^2 + 14x + 1 = -5$

10.  $2x^2 + 10x + 4 = -8$

5.  $x^2 - x - 8 = 12$

11.  $x^2 - 5x - 11 = 3$

6.  $2x^2 - 18x + 6 = -22$

12.  $2x^2 + 10x - 36 = 12$